

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-10-141
Relating to Certification of New Motor Vehicle Engines

FORD MOTOR COMPANY

Pursuant to the authority vested in the Air Resources Board by Sections 43100, 43102, and 43103 of the Health and Safety Code; and

Pursuant to the authority vested in the undersigned by Sections 39515 and 39516 of the Health and Safety Code and Executive Order G-45-3;

IT IS ORDERED AND RESOLVED: That the following Ford Motor Company 1979 model-year gasoline engines are certified for use in motor vehicles with a manufacturer's gross vehicle weight rating greater than 8500 pounds:

<u>Engine Family</u>	<u>Displacement Cubic Inches</u>	<u>Exhaust Emission Control Systems (Special Features)</u>
6.1L "E" (370)	370	Exhaust Gas Recirculation Air Injection

Engine Models and Codes as listed on attachments.

Section 43200, Part 5, Division 26 of the California Health and Safety Code requires that the engine manufacturer furnish a decal with each engine sold or delivered to a vehicle manufacturer. The decal shall display the applicable model year heavy-duty engine exhaust emission standards and the following certification emission values:

<u>Engine Family</u>	<u>Hydrocarbons gm/bhp-hr</u>	<u>Carbon Monoxide gm/bhp-hr</u>	<u>Nitrogen Oxides gm/bhp-hr</u>
6.1L "E" (3.70)	1.0	19	6.4

Engines certified under this Executive Order must conform to all applicable California emission regulations.

The Department of Motor Vehicles, the California Highway Patrol, and the Bureau of Automotive Repair will be notified by copy of this order and attachment.

Executed at El Monte, California this 4 day of August, 1978.


G. C. Hass, Chief
Vehicle Emissions Control Division

1979 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer Ford Motor Co. Executive Order No. A-10-141 Page 1
Engine Family 6.1L"E"(370) Engine (CID) 370

ABBREVIATIONSIgnition System

CA-Centrifugal Advance
EI-Electronic Ignition
ESAC
VA-Vacuum Advance
VR-Vacuum Retard

Fuel System

EFI, MFI
nV-nVenturi Carburetor
VV-Variable Venturi

Exhaust Emissions Control System

AI-Air Injection
CCAV-Comb. Chamber Air Valve
EFI-Electronic Fuel Injection
EGR-Exhaust Gas Recirculation
EM-Engine Modification

ESAC-Electronic Spark Advance
Control
MFI-Mechanical Fuel Injection

OC-Oxidation Catalyst
PAI-Pulse Air Injection
TC-Turbo Charged
TR-Thermal Reactor
TWC-Three Way Catalyst
(Feedback Control)
WOC-Warm-up Oxidation
Catalyst

Engine Model

370 HD

Date of issue

Revisions

1979 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET
HEAVY-DUTY GASOLINE ENGINES

Manufacturer Ford Motor Co. Page 2
Engine Family 6.1L"E" (370) Engine (CID) 370 Calibration 9-83G-RO
Emission Control System EGR, AI

Engine Models	Ign. Sys.	Fuel System	EGR Valve	Tune-up Specifications
	CA, VA	4V	Part No.	
	Part Number	Part Number		
370	D9TE-12127-VA	D9TE-9510-ABC	D8BE-9C475-BA	(1) 6° BTDC @ 600 RPM in neutral W/Vacuum lines disconnected & plugged at distributor. (2) Preset at factory. Do not adjust. See 1979 Ford Service Manual. (3) Automatic: 600 RPM in drive. Manual: 600 RPM in neutral.

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1979 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET
HEAVY-DUTY GASOLINE ENGINESManufacturer Ford Motor Co.Page 3Engine Family 6.1L"E" (370) Engine (CID) 370 Calibration 9-83H-EO2Emission Control System EGR, AI

Engine Models	Ign. Sys.	Fuel System	EGR Valve Part No.	Tune-up Specifications
	CA, VA Part Number	4V Part Number		
370	D9TE- 12127-VA	Holley D9TE- 9510-AHD	D8BE- 9D475-BA	(1) 2° BTDC @ 600 RPM in neutral W/Vacuum lines disconnected & plugged at distributor. (2) Preset at factory. Do not adjust. See 1979 Ford Service Manual. (3) Automatic: 600 RPM in drive. Manual: 600 RPM in neutral.

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HEAVY-DUTY GASOLINE ENGINES

Manufacturer Ford Motor Co. Page 4
Engine Family 6.1L"E" (370) Engine (CID) 370 Calibration 9-83G-R02
Emission Control System EGR, AI

Engine Models	Ign. Sys. CA, VA	Fuel System 4V	EGR Valve Part No.	Tune-up Specifications
	Part Number	Part Number		(1) Basic Timing (2) Idle Mixture (3) Idle Speed
370	D9TE- 12127-VA	D9TE- 9510-ABC	D8BE- 9C475-BA	(1) 6° BTDC @ 600 RPM in neutral W/Vacuum lines disconnected & plugged at distributor. (2) Preset at factory. Do not adjust. See 1979 Ford Service Manual. (3) Automatic: 600 RPM in drive. Manual: 600 RPM in neutral.

1979 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET
HEAVY-DUTY GASOLINE ENGINES

Manufacturer Ford Motor Co. Page 5
Engine Family 6.1L"E" (370) Engine (CID) 370 Calibration 9-83G-~~11~~
Emission Control System EGR, AI

Engine Models	Ign. Sys. CA, VA	Fuel System 4V	EGR Valve Part No.	Tune-up Specifications
	Part Number	Part Number		(1) Basic Timing (2) Idle Mixture (3) Idle Speed
370	D9TE- 12127-VA	D9TE- 9510-ABC	D8BE- 9C475-BA	(1) 6° BTDC @ 600 RPM in neutral W/Vacuum lines disconnected & plugged at distributor. (2) Preset at factory. Do not adjust. See 1979 Ford Service Manual. (3) Automatic: 600 RPM in drive. Manual: 600 RPM in neutral.

1979 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET
HEAVY-DUTY GASOLINE ENGINES

Manufacturer Ford Motor Co. Page 6
Engine Family 6.1L"E" (370) Engine (CID) 370 Calibration 9-83G-R12
Emission Control System EGR, AI

Engine Models	Ign. Sys. CA, VA	Fuel System 4V	EGR Valve Part No.	Tune-up Specifications
	Part Number	Part Number		(1) Basic Timing (2) Idle Mixture (3) Idle Speed
370	D9TE- 12127-AUA	D9TE- 9510-ABC	D8BE- 9C475-BA	(1) 6° BTDC @ 600 RPM in neutral W/Vacuum lines disconnected & plugged at distributor. (2) Preset at factory. Do not adjust. See 1979 Ford Service Manual. (3) Automatic: 600 RPM in drive. Manual: 600 RPM in neutral.

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1979 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET
HEAVY-DUTY GASOLINE ENGINES

Manufacturer Ford Motor Co. Page 7
Engine Family 6.1L"E" (370) Engine (CID) 370 Calibration 9-83H-R11
Emission Control System EGR, AI

Engine Models	Ign. Sys.	Fuel System	EGR Valve Part No.	Tune-up Specifications
	CA, VA Part Number	4V Part Number		
370	D9TE- 12127-AUA	Holley D9TE- 9510-AHE	D8BE- 9D475-CA	(1) 6° BTDC @ 600 RPM in neutral W/Vacuum lines disconnected & plugged at distributor. (2) Preset at factory. Do not adjust. See 1979 Ford Service Manual. (3) Automatic: 600 RPM in drive. Manual: 600 RPM in neutral.

E.O. #A 10-1411979 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET
HEAVY-DUTY GASOLINE ENGINESManufacturer Ford Motor Co.Page 8Engine Family 6.1L"E" (370)Engine (CID) 370Calibration 9-83H-R14Emission Control System EGR, AI

Engine Models	Ign. Sys.	Fuel System	EGR Valve	Tune-up Specifications
	CA, VA Part Number	4V Part Number	Part No.	
370	D9TE- 12127-AUA	Holley D9TE- 9510-AHE	D8RE- 9D475-CA	(1) 2° BTDC @ 600 RPM in neutral W/Vacuum lines disconnected & plugged at distributor. (2) Preset at factory. Do not adjust. See 1979 Ford Service Manual. (3) Automatic: 600 RPM in drive. Manual: 600 RPM in neutral.

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